

NIST Technicalendar

UNITED STATES DEPARTMENT OF COMMERCE

Technology Administration
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-0001

The *NIST Technicalendar*, issued each Friday, covers scheduled events which are of interest primarily to the NIST staff. All boxed items/notices for inclusion should be in WordPerfect 5.1, 6.1, or ASCII format and MUST be received by 12:00 NOON each Wednesday unless otherwise stated in the *NIST Technicalendar*. Items for inclusion and requests for copies of this calendar should be sent to Ms. Sharon Mingo, Editor, Building 820, Room 125, National Institute of Standards and Technology, Gaithersburg, MD 20899-0001, (Telephone: 301/975-3570; FAX: 301/926-4431; or E-mail: mingo@micf.nist.gov).

All lectures and meetings are open unless otherwise stated.

NIST Weekly Calendars and Bulletins Online

The address for online weekly editions (most recent three months) of the *NIST Technicalendar* and *NIST Administrative Calendar* is

<http://ts.nist.gov/nvl/htdocs/calendars/calendars.html>

Calendar files are in pdf format. If you don't already have the free Adobe Acrobat Reader, first download it from

<http://www.adobe.com/Acrobat/readstep.html>

The *Boulder Laboratories Weekly Bulletin* (current and previous week), in html format, is available online at

<http://www.boulder.nist.gov:1580/bulletin/>

MAY 20 TO MAY 24, 1996 MEETINGS AT NIST

5/20—MONDAY 10:00 a.m. BUILDING MATERIALS DIVISION SEMINAR: Freezing Gels, G.W. Scherer, Dept. of Civil Engineering and Operations Research, Princeton Univ., NJ. Rm. B221, Building Research Bldg. (NIST contact: E.J. Garboczi, 975-6708.)

5/21—TUESDAY 10:30 a.m. APPLIED AND COMPUTATIONAL MATHEMATICS DIVISION COLLOQUIUM: Planar Near-Field to Far-Field Transformation for Antenna Measurements Using Non-Ideal Measurement Locations, B.K. Alpert, NIST, Boulder, CO. Rm. 685, Bldg. 820 (NIST North). (NIST contact: B. Mitchell, 975-3808.)

5/21—TUESDAY 11:00 a.m. IONIZING RADIATION DIVISION SEMINAR: Absolute Activity Measurement of Radioactive Solutions Using the Triple-to-Double-Coincidence-Ratio Method in Liquid Scintillation Counting. Application to the Standardization of Nickel-59, P. Cassette, Laboratoire Primaire des Rayonnements Ionisants, CEA/DAMRI, France. Rm. 301, Radiation Physics Bldg. (NIST contact: R. Colle, 975-5527.)

5/22—WEDNESDAY 10:00 a.m. PROCESS MEASUREMENTS DIVISION SEMINAR: Flow Modeling in Micro-Geometries, G. Karniadakis, Center for Fluid Mechanics, Brown Univ., Providence, RI. Rm. B165, Physics Bldg. (NIST contact: S. Tison, 975-2857.)

5/22—WEDNESDAY 10:30 a.m. APPLIED AND COMPUTATIONAL MATHEMATICS DIVISION COLLOQUIUM: Perturbation of Generalized Inverses of Linear Operators in Hilbert Spaces, J. Ding, Dept. of Mathematics, The Univ. of Southern Mississippi. Rm. 685, Bldg. 820 (NIST North). (NIST contact: F. Hunt, 975-3887.)

NIST 95-96 Colloquium Series

INNER SPACE II: 5,000 FEET BENEATH THE SURFACE OF THE EARTH

William C. Stone and Barbara Anne am Ende
Lead Team Members, Huautla Deep Caving Expedition

FRIDAY, May 24, 1996

10:30 a.m. - 11:30 a.m., Green Auditorium, Administration Building

Following 10 years of R&D and 3 years of training, an international team returned in 1994 to Mexico's Huautla Cave System equipped with computer-controlled, closed-cycle, life support backpacks with efficiencies 100-fold greater than systems previously used. These caves are considered among the world's most complex and difficult. During 44 days underground, more than 3 km of previously unknown territory leading into the heart of the Huautla Plateau were discovered and a new depth record of 1475 m was achieved. The presentation will take you through the preparation stages and down to one of the most remote points ever reached inside the earth.



Anyone requiring special assistance should contact Lillian Ware on 975-4203. Colloquia are videotaped and available in the Research Information Center.

- The Office of Information Services (OIS) announces the availability of MathSciNet on the NIST Virtual Library (NVL): <http://ts.nist.gov/nvl>. MathSciNet is based on the data in Mathematical Reviews and Current Mathematical Publications, leading publications that catalog and review research literature in mathematics, all produced by the American Mathematical Society. From the NVL home page, click on "Databases" to access this useful online resource for NIST staff. No passwords or site IDs are required.
- OIS announces the availability of 22 Institute of Physics Journals online for NIST users on the NIST Virtual Library (NVL) at <http://ts.nist.gov/nvl>. From the NVL home page, click on "Electronic Journals" for information.
- OIS announces the availability of STAT-USA on the NIST Virtual Library (NVL) at <http://ts.nist.gov/nvl>. STAT-USA is the Department of Commerce source for Daily Economic News, frequently requested statistical releases, information by subject, STAT-USA Databases and selected publications of interest. From the NVL home page, click on "Databases" to link to the instructions for accessing this resource for NIST users.
- OIS announces that the "Engineering Village" is now available on the NIST Virtual Library (NVL) at <http://ts.nist.gov/nvl> for NIST staff and researchers. The Ei Village is a service for the student, professional engineer, or technology manager. Ei Village collects, evaluates, describes, and organizes relevant sites and provides a forum for discussions of professional interest. To access and log on to the service, from the NVL home page click on "Databases" and follow the instructions for id and password.

WORKSHOP ON ADVANCED METHODS AND MODELS FOR APPEARANCE OF COATINGS AND COATED OBJECTS

Monday, May 20, 1996; 9:00 a.m. - 3:30 p.m.
Green Auditorium, Administration Bldg.

Technological advances have enabled the nation's paint and coatings industry to add colors of virtually every shade and hundreds of billions of dollars of value to products from automobiles to bulk plastics. Industry's ability to measure and predict coating appearance is an important emerging issue. The objectives of this workshop will be to assess the need for new appearance measurement methods in industry and to introduce NIST's proposed research on advanced scattering and rendering models and photometric measurements.

NIST Contacts: Mary McKnight (BFRL) 975-6707, Ted Vorburger (MEL) 975-3493, Ambler Thompson (PL) 975-2333, Fern Hunt (ITL) 975-3887.

NIST Nanostructure Science Colloquium Series

May 21, 1996, 10:30 a.m.
Lecture Room B, Administration Building

This colloquium is the seventh of a series focused on research in the regime of nanometer sized dimensions. Colloquia will be held each month. A schedule of future colloquia is available at <http://physics.nist.gov/www/nano.html> and you may register to receive future announcements by e-mail by sending a request to kim@epg.nist.gov.

OPTICAL MICROSCOPY AT 10 ANGSTROM RESOLUTION

Kumar Wickramasinghe, IBM, T.J. Watson Research Center

Interferometric near-field optical microscopy achieving a resolution of 10 angstrom is demonstrated. The scattered electric field variation due to a vibrating probe tip in close proximity to a sample surface is measured by encoding it as a modulation in the optical phase of one arm of an interferometer. Unlike in regular near-field optical microscopes where the contrast results from a weak source (or aperture) dipole interacting with the polarizability of the sample, the present form of imaging relies on a fundamentally different contrast mechanism; sensing the dipole-dipole coupling of two externally driven dipoles (i.e. tip and sample dipoles) as we modulate their spacing. Recent results on applications of this technique will be presented.

Technical Contact: Robert Celotta 975-3710. Information Contact: Kim Chaney 975-3707.

PUBLISH OR ??????
NIST AUTHORS: ARE YOU LOOKING INTO THE FUTURE ?

May 22, 1996, 10:30 A.M. - 12:30 P.M., Lecture Room B - Administration Building
(Teleconference NIST Boulder site: 8:30 A.M. - 10:30 A.M. Room 4550)

Peter Boyce, American Astronomical Society (AAS)
Robert Kelly, American Physical Society (APS)
Maria LeBron, American Physical Society (APS)
Paul Vassallo, Director, OIS, NIST
W. Robert Kelly, CSTL, NIST
Chris Kuyatt, Chair, WERB, NIST

A transition from paper to electronic documents characterizes the trend in scholarly publishing. Come see what's happening as we hear how two scholarly publishers have removed the constraints of paper and developed interactive scientific documents in electronic journals. Help determine a future where NIST authors and the current publication processes are reshaped from the inception of the document to the final product and archive.

**For further information contact: Pamela Mason, 975-4465 or
pmason@nist.gov.**

**VISIT BY THE NATIONAL RESEARCH COUNCIL
POSTDOCTORAL RESEARCH ASSOCIATESHIP PROGRAM STAFF**

Thursday, May 23, 1996
Lecture Room A, Administration Building

9:00 AM - 10:00 AM Meeting for Postdoctoral Research
Associates

10:00 AM - 11:00 AM Meeting for Postdoctoral Research
Advisors

Dr. Arnold Schwartz, Director, Associateship Programs, Dr. Paul Zielinski, Program Administrator, Ms. Jane Dell'Amore, Assistant to the Directors, and Ms. Eva Labre, Program Coordinator will be making their annual visit to meet with NIST advisors, staff, and NRC Postdocs. This will provide an opportunity for discussion of any questions or issues concerning the postdoctoral program.

For further information contact Jack Hsia, 975-3067.

THE CHANGING BUDGET PROCESS

Thursday, May 23, 1996; 2:30 p.m.-4:30 p.m.
Red Auditorium, Administration Building

Dr. Allen Schick, Visiting Scholar at the Brookings Institution and Professor of Public Policy at the University of Maryland, will be addressing attendees of the annual Department of Commerce Budget Officers Conference. **NIST staff are welcome to attend this session.** Dr. Schick's presentation will include his observations on the mood of the Congress and the impact of the Government Performance and Results Act (GPRA) and strategic planning. Dr. Schick is the author of numerous publications pertaining to budget policies and practices, public management, legislative behavior and government finance. He is active in advising committees and members of Congress on current budget issues, including an annual briefing on the President's budget for Congressional staff. We urge you to take advantage of the opportunity to hear Dr. Schick's presentation.

NIST Contact: Tom Gary, 975-2669.

PLEASE NOTE: SCHEDULE CHANGE

Advance Notice
Computing and Applied Mathematics Laboratory/Statistical Engineering
Division

CASE STUDIES IN UNCERTAINTY ANALYSIS

Keith Eberhardt

This two-day course, the fourth in a unified program of short courses in applied statistics primarily for the NIST community, will consist of detailed discussions of several example uncertainty analyses. The course will be held on Mondays, June 10 and June 17, 9 a.m. - 12 noon (room to be announced). For more information on this course contact K. Eberhardt, 975-2853, keith.eberhardt@nist.gov. For information on later courses in this series, contact M. Vangel, 975-3208, mark.vangel@nist.gov, or see the event calendar under the Statistical Engineering Division home page, URL <http://www.cam.nist.gov/caml/sed/>. Registration is \$50, and Form DN-11 should be submitted to P. O'Connor, Training Office, Admin. A123, by COB June 5.

MEETINGS ELSEWHERE

5/20—MONDAY 10:00 a.m. NAVAL RESEARCH LAB. NAVY CENTER FOR ARTIFICIAL INTELLIGENCE (NCARAI) SEMINAR: Goal-Oriented Constructive Induction: Inductive Choices, Biases and Self-Construction of Knowledge Representation Spaces for Induction, R. Michalski, Dept. of Computer Science, George Mason Univ., Fairfax, VA. NCARAI Conf. Rm., Bldg 256, Bolling AFB, Washington, DC. (For further information call 202/404-7036.)

The spring season continues for the TIGR-NIST Distinguished Speakers Series!

The TIGR-NIST Distinguished Speakers Series is titled: DNA, GENETICS, and BIOTECHNOLOGY

GENETIC APPROACHES TO THE ANALYSIS OF G-PROTEIN MEDIATED SIGNAL TRANSDUCTION

Melvin I. Simon, Ph.D.

Chairman and Professor of Biology, California Institute of Technology

Thursday, May 23rd at 4 p.m.

This season the TIGR-NIST Distinguished Speakers Series is held in the TIGR Conference Room, 9712 Medical Center Drive, Rockville. An informal reception follows Dr. Simon's talk and provides an opportunity for interested participants to talk with him.

For information on the series, please contact Keith McKenney at NIST, 301/975-4872, or Damar Hawkins at TIGR, 301/838-0200. Directions and series information is also available via the Internet at: <http://www.tigr.org/conference/conference.html>.

Advance Notice

THE NORTH AMERICAN ISDN USERS' FORUM (NIUF)

June 3-6, 1996

Los Angeles Airport Hilton and Towers, CA

The NIUF will be held jointly with the California ISDN Users' Group (CIUG). The meetings conducted will include joint sessions of the ISDN Users' Workshop (IUW) and the ISDN Implementors' Workshop (IIW) which will allow users and suppliers of ISDN Technology to advance the development of interoperable ISDN broadband and narrowband products and services. A few of the meeting topics include: ISDN Wiring and Powering, ISDN Ordering Codes, SPIDs, BRI Trunking, Universal Ordering Form, Versions, and Mass Markets. Tutorials will be presented on topics such as, Basic and Primary Rate ISDN, PPP Multilink Protocols, Video/Data Collaboration with T.120, Latest PPP Developments. There will also be vendor exhibits Wednesday and Thursday. For further information, contact Sara Caswell, 301/975-2937 (niuf@nist.gov) or see the NIUF Home Page at URL <http://www.niuf.nist.gov/misc/niuf.html>.

TALKS BY NIST PERSONNEL

AMIRTHARAJ, P.M.: "Optical and Spectroscopic Metrology Techniques for the Microelectronic and Optoelectronic Industry," Council for Optical Radiation Measurements, Washingtonian Marriott, Gaithersburg, MD, 5/22/96.

AMIS, E.J.: "Static and Dynamic Interactions of Model Polyelectrolytes," Symposium on Liquid Crystals, Colloids, and Emulsions at the Univ. of Pennsylvania, Lab. for Research on the Structure of Matter, Univ. of Pennsylvania, Philadelphia, PA, 5/25/96.

BURNS, G.W.: "A New Look at a Very Old Thermocouple: Platinum Versus Palladium," ASTM Subcommittee E-20.06 Colloquium, OMNI Rosen Hotel, Orlando, FL, 5/20/96.

CHOQUETTE, S.J.: "Vibrational Spectroscopy: Current IR and RAMAN Spectrometer," Centro Nacional de Metrologia (CENAM), Queretaro, Mexico, 5/21-5/24/96.

CURRIE, L.: "Tracking Biomass Burning Aerosol: From the Combustion Laboratory to Summit, Greenland," Climate Change Meeting at Scripps Institution, LaJolla, CA, 5/18/96, and "Radiocarbon 'Dating' of Individual Chemical Compounds in Atmospheric Aerosol: First Results Comparing Direct Isotopic and Multivariate Statistical Apportionment of Specific Polycyclic Aromatic Hydrocarbons," Accelerator Mass Spectrometry Meeting, Tucson, AZ, 5/23/96.

DIZDAROGLU, M. (Co-author: P. Jaruga): "Repair of Products of Oxidative DNA Base Damage in Human Cells," sponsored by Biotechnology Division, NIST, Pasteur Institut, Paris, France, 5/21/96.

GAITAN, M.: "Microheating Elements in CMOS Technology," International Symposium on Circuits and Systems, Atlanta, GA, 5/13/96.

HARMAN, G.G.: "Critical Issues in Wire-Bonded Chip Interconnections to the Year 2000," Czech Technical Univ., Czech Republic, 5/19/96.

MCKENNA, G.B.: "Relaxation in Polycarbonate," General Electric Co., Schenectady, NY, 5/15/96.

NEWBURY, D.E.: "'Standardless' Energy Dispersive X-Ray Microanalysis: A Cancer in the Body Analytic?" Scanning Microscopy 1996, Bethesda, MD, 5/16/96.

POWELL, C.J.: "Peak Location in X-Ray Photoelectron Spectroscopy," Surface Analysis Society of Japan, Tsukuba, Japan, 5/23/96.

SCHULTHEISZ, C.R.: "Effect of Moisture on E-Glass/Epoxy Interface and Fiber Strengths," ASTM 13th Symposium on Composite Materials: Testing and Design, Orlando, FL, 5/21/96.

ZIMMERMAN, B.E.: "Radioactivity Standards for Nuclear Medicine: Overview of the NIST/NEI Radiopharmaceutical Program and Recent Results," Univ. of Missouri Research Reactor Seminar, Columbia, MO, 5/7/96.

1996 WORLD STANDARDS DAY PAPER COMPETITION

This year, the U.S. standards community will celebrate World Standards Day on October 16. To highlight the importance of standards to industry and government, the sponsors of World Standards Day, including NIST, are again holding a paper competition. The theme for the 1996 World Standards Day paper contest will be "U.S. National vs International Standards."

PRIZE: The author(s) of the winning submission will receive \$2500 and a commemorative plaque. The winning paper will be published by ANSI, the Standards Engineering Society and others.

ELIGIBILITY: The competition is open to individuals in private sector or government facilities located in the United States. The paper may be co-authored.

RULES: The paper must be original and not previously published. NIST papers should be processed through WERB or BERB in the usual way. Papers must be between 2500 and 4500 words and should not exceed 20 pages. Entries must be received by September 1, 1996. Contest rules and application forms may be obtained from: Underwriters Laboratories, Inc., Attn.: Carolyn Anderson, WORLD STANDARDS DAY PAPER COMPETITION, 12 Laboratory Drive, Research Triangle Park, NC 27709; Phone: (919) 549-1877; Fax: (919) 547-6018.

NIST Administrative Calendar

Notices to be included should be transmitted in writing in time to be received by NOON on WEDNESDAY. Send to Management & Organization Division, Bldg. 415, Room 118, extension 4074, fax to 926-8091, or e-mail to gmr@micf.nist.gov.

May 20 - May 24, 1996

ADMINISTRATIVE ITEMS - New

NIST Mentoring Workshop - Open to All NIST Staff

THE ROLE OF MENTORING DURING ORGANIZATIONAL CHANGE - Thursday, May 23, 2:00 - 4:00 p.m., Lecture Room D, Administration Building

This workshop, conducted by Dr. Liz Berney of Berney Associates Training and Organizational Development will focus on changes in organizations and how to manage during those changes. It will emphasize the importance of having a mentor during the change process. There will be opportunities to meet in small groups and state your needs for mentoring and opportunities to meet a mentor or mentee. All NIST staff is encouraged to attend. Please RSVP by May 21st to Rhoda Levin, extension 2575, e-mail to matzah@enh.nist.gov.

REVISED METRORAIL SHUTTLE ROUTE

Effective June 3, 1996, the Metrorail Shuttle will deliver and pick up passengers at the EAST side Kiss and Ride area. The faster and more direct route to the East side will allow the shuttle, both going to and coming from the Metrorail station, to also stop at NIST North to pick up and discharge passengers. The route of travel will be from the Administration Building to NIST North and then to the Metrorail Station. On the return run the shuttle will stop at NIST North be at the front of the building ready to board the shuttle when it arrives. This change in route will NOT change the schedule. The schedule will remain as is with departures from the front of the Administration Building on the hour and half hour and with departures from the Shady Grove Metrorail Station EAST side at 15 and 45 minutes past the hour. The shuttle will arrive at NIST North approximately 3-4 minutes after leaving the Metrorail station. On a space available basis, the Metrorail shuttle may be used for travel between the main campus and the North campus, however, priority seating will be made available to those traveling to and from the Metrorail station.

KNAPP SHOEMOBILE TO VISIT NIST

The Knapp Shoemobile will be at NIST on Monday, May 20, 1996 from 12:00-3:00pm. The staff may purchase shoes from the shoemobile or place an order for shoes which will be shipped to their home. The shoemobile will be located north of Building 231 (Industrial). For further information you can contact the Safety Office on ext. 5818.

CRAY REPLACE IN SCIENTIFIC COMPUTING FACILITY

A Cray C96 has replaced the Cray Y-MP4 in the Scientific Computing Facility. The C96

has 6 CPU's, 256 Mwords of memory and uses the same name and IP address as the Y-MP used (granta.nist.gov). The transition of the operational workload and all user files have moved to the C96.

NIST NORTH SNACK BAR OPENS

The Snack Bar at NIST North located in Room 151 is now open serving sandwiches, soups, salads, ice creams, snacks, donuts, soft drinks, coffee, and other beverages. Stop in for a great lunch at reasonable prices.

ADMINISTRATIVE ITEMS - Continuing

Location Changes

Beginning Monday, May 13, Dr. Harry L. Rook's new mailing address will be: Bldg. 820, Room 232; his office location will be Bldg. 820, Room 121; and his telephone number will be (301) 975-5660.

Beginning Thursday, May 16, Dr. Dale E. Hall's new mailing address will be: Bldg. 223, Room B309; his office location will be Bldg. 223, Room B310; and his telephone number will be (301) 975-5658.

2222 Only Good From Rolm Phones

An employee recently tried to contact the emergency number 2222 from his cellular phone. He was unable to make a connection. All employees are reminded that the NIST emergency number 2222 for fire, security or ambulance can only be dialed from a NIST rolm phone. If you have an emergency and need fire, security or ambulance service at NIST and only have access to a mobile/cellular phone, you simply need to dial 911 and advise the Montgomery County dispatcher where you are located on the NIST site. They will take the information and immediately advise the appropriate NIST Fire/Security authorities of the emergency. Any questions, please contact the Fire Protection Group on extension 6190.

CSL/CAML Central Computing Hot Line - x4425

The CSL/CAML Central Computing Hot Line is now available. The purpose of the hot line is to provide up-to-date announcements on the availability of central systems and to provide a single point of contact to report emergency problems with central computing or communications services. Persons calling the hot line will have the option of talking to a CSL/CAML contact or to obtain a recording of current system status. Calls will be answered 24 hours a day, 7 days a week. Emergency problems will be referred to a service group manager for quick resolution.

Thrift Savings Plan (TSP) Open Season

The next TSP open season begins May 15, 1996, and ends July 31, 1996. The TSP Summary Booklet, and TSP-1 Election Form are available in the Employee Benefits Office, Administration Building, Room A131. Questions should be directed to Marcia Robertson on extension 2157 or Nancy Cool on extension 2231.

Excess Property Auction

The Property Unit in conjunction with GSA will be holding an auction on surplus

property. This equipment is for sale for PERSONAL use to interested individuals (you may not purchase an item for which you determined the condition code upon submission of the NIST-6). Inspections will be by appointment ONLY on May 21 and 22. The auction will be held at GSA on May 23. For appointments, please call Kenny on extension 3773 or extension 6370.

Washington, D.C. Phone Books are Here

The Bldg. 301, 101, Chemistry, and NIST North Storerooms have an over-abundance of the D.C. Yellow Pages and D.C. White Pages in stock. Please come and get a book for your office you have not already done so.

Retirement Dinner for Donn Ebberts

Donn Ebberts of the Building Environment Division retired on May 3, 1996, after 34 years of government service. A buffet dinner will be held in his honor on Friday, May 31, 1996, at the Comus Inn. The buffet menu consists of roast beef, baked ham, fried chicken, vegetarian lasagna, scalloped potatoes, green beans, peas and mushrooms, garden salad, dinner rolls, coffee and tea. The cost of the buffet is \$23.00. If you would like to attend or contribute towards a gift, please contact Kim Ewing on extension 5648 by May 24, 1996.

Drawing Contest for Kids

In conjunction with our Spring Auto Special, COMSTAR is sponsoring a drawing contest. Kids ages 3-12 are invited to submit a drawing illustrating "The car I would drive when I grow up." Entry forms can be picked up at the Credit Union office or kids can use a plain piece of 8 1/2" x 14" paper. Be sure to include the child's name, age, and phone number. Prizes will be awarded at each branch office in the following categories: ages 3-5, 6-8, and 9-12. The prize for each category will be a \$25 U.S. Savings Bond.

Association of NIST Asian-Pacific Americans (ANAPA) Sponsors Movie Presentation

In observing the Asian-Pacific American Heritage Month, ANAPA is sponsoring a series of movie presentations once a week, that will enrich you with Asian culture. Please also bring your family and friends for the evening shows. For more information, contact Kang Lee on extension 6604.

Tuesday, May 21, 11:30 a.m. - 12:30 p.m. and 7:00 - 8:15 p.m.

India: Continuity in Change - Discover a country with 5000 years of history. This educational film will introduce us to the religions, architecture, art, music, dances and the people of India.

Quilt of Many Cultures-South India - Visit the historic sites, ancient ruins, ancient art and architecture of South India.

Tuesday, May 28, 11:30 a.m. - 1:00 p.m. and 7:00-8:45 p.m. **SOPYONJE** - A saga of a family of pansori performers (traditional story telling by song); Winner of six Grand Bell Awards and six Critic's Awards in Korea (1993)

NAAS - NIST ASSOCIATION FOR AFRICAN-AMERICAN STAFF

NAAS General Meeting

NAAS will hold a general meeting on Thursday, May 23, at 12:00 noon. The meeting will be held in Lecture Room C, Administration Building. For further information, contact Charles Yancey on extension 6073 or Mary Chaney on extension 3027.

PCX No. 266 _____ May 6, 1996

PC-EXCHANGE: Share your PC problems, questions, etc. so that other staff members can benefit from your experience or offer suggestions to address your PC needs. Mail/phone your contributions (anonymously or with credit) to Gaithersburg PC Assistance. Gaithersburg PC Assistance: Call the PC Assistance Hotline (voice or TDD), 301/975-3099; Admin/A738; e-mail PCASSIST@micf.nist.gov. Access the PC Assistance Web Page at: <http://larch.cam.nist.gov/~eater/pcassist.html>. Gaithersburg PC Maintenance and Hardware Upgrades: Call the PC Maintenance Hotline, 301/975-4090. Boulder PC Assistance or Maintenance: Call the Boulder PC Support Hotline, 303/497-3931; Room 1-4050; e-mail PCASK@bldrdoc.gov.

266.1 CONVERTING WPWIN 6.1 FILES TO MS WORD 6.X/7.0 - For Microsoft Word for Windows users, the Microsoft Word Supplemental WordPerfect Converter Kit (WPCNV.EXE) is available for downloading from the MICF WHLIST, the ANONYMOUS/PC subdirectory on the ENH, and from the PC Assistance page on the web. This kit provides the ability for Word 6.x/7.0 to open WordPerfect 6.x files, and save as WP 6.x format. The self-extracting file WPCNV.EXE should be downloaded to a temporary directory on your hard disk and executed to extract the conversion files. There is a readme file that provides information about limitations when converting from WP 6.x to Word 6.x/7.0. Features that do not convert or require some comment are listed. To install the conversion files, under Windows, click on File, Run, and execute the SETUP.EXE program. After installation of the conversion files is complete, you can enter Word 6.x/7.0 and open a WordPerfect 6.x file by clicking on File, Open, check the Confirm Conversions box, and double click on the WP 6.x file to be opened. To save a Word 6.x/7.0 file as WP 6.x format, while in Word, click on File, Save As, change the entry in the Save File as Type window to a WP 6.x selection, enter a filename, and click on OK.

For WordPerfect 6.1 for Windows users who need to save WP files as Word 6.x, install the WP 6.1 update, called POUPDT.EXE--a self-extracting file also available from the MICF WHLIST, the ANONYMOUS/PC subdirectory on the ENH, and from the PC Assistance page on the web. Conversion files for Word are included with the update, along with bug fixes for the WPwin 6.1 program.

266.2 RUNNING DOS-ONLY PROGRAMS UNDER WIN95 - The vast majority of older DOS programs will run under Win95 with no problems. For those programs which truly will not run under Win95, you can usually run them "as if" they were running under DOS by adjusting the program's properties. To do this, right-click on the program in Explorer; select Properties from the menu; select the Program tab; press the Advanced... button; check the box marked MS-DOS mode. Now when you run this program Win95 will shut down temporarily, run the program as if under DOS, and start up again when you exit the program. This approach will even allow you to create custom CONFIG.SYS and AUTOEXEC.BAT files for use by the DOS program where necessary.

266.3 QUICKLY SELECTING A GROUP OF FILES IN EXPLORER - In Windows 95 Explorer an easy way to select a group of files for copying, moving, or deleting is to draw a selection box around the group of files. To do this, you can click at a corner of the group, and then drag to form the box. Position this box over the group of files to be selected and release the mouse button. The files will all be selected and you can then perform any operation such as copying, moving, or deleting.

OFFICE OF INFORMATION SERVICES - News

Library Tours

A 30-minute tour of the NIST Library (Research Information Center) is given on the 2nd Wednesday of every month. A member of the Office of Information Services staff is on hand for as long as necessary afterwards to answer questions, or to arrange for more detailed explanations of specific areas.

No reservation is required. If you have any questions, or want to make suggestions about what should be covered, call Marietta Nelson on extension 3055. Next tour: Wednesday, **June 12, 1996**, at 10:30 a.m.

Unsigned Interlibrary Loan Request

The Interlibrary Loan (ILL) staff has received an ILL request which does not include the requestor's name. If the following title was requested by you, please call Rose Estes on extension 3060. The ILL staff will not process requests for interlibrary loans which do not include the requestor's name.

-- "Advances in Atomic & Molecular Physics"

Library Audiovisual Materials Relocated

The audiovisual materials have been moved to Room E209. Videocassettes, films, audiocassettes, and slides are located in the room. A VCR is located in the room for on-site viewing of the videocassettes. Use of the VCR is available to NIST staff and the public. All audiovisual materials may be charged out to NIST staff directly, and to the public through the Interlibrary Loan procedures. Problems, suggestions, comments should be addressed to Beth Bloomquist, x2809, e-mail address whiting@enh.nist.gov.

MathSciNet Now on NIST Virtual Library

The Office of Information Services (OIS) announces the availability of MathSciNet on the NIST Virtual Library (NVL): <http://ts.nist.gov/nvl>. MathSciNet is based on the data in Mathematical Reviews and Current Mathematical Publications, leading publications that catalog and review research literature in mathematics, all produced by the American Mathematical Society. From the NVL home page, click on "Databases" to access this useful online resource for NIST staff. No passwords or site IDs are required.

Institute of Physics Journals Now Online

The OIS announces the availability of 22 Institute of Physics Journals online for NIST users on the NIST Virtual Library (NVL) at <http://ts.nist.gov/nvl>. From the NVL home page, click on "Electronic Journals" for information on access to:

- * European journal of physics 1996- Full-text
- * High performance polymers 1996- Full-text
- * Inverse problems 1996- Full-text
- * Journal of micromechanics and microengineering 1996- Full-text
- * Journal of physics A: Mathematical and general 1996- Full-text
- * Journal of physics B: Atomic, molecular and optical physics 1996- Full-text
- * Journal of physics: Condensed matter 1996- Full-text
- * Journal of physics D: Applied physics 1996- Full-text
- * Journal of physics G: Nuclear and particle physics 1996- Full-text
- * Measurement science and technology 1996- Full-text
- * Modelling and simulation in materials science and engineering 1996- Full-text
- * Nanotechnology 1996- Full-text

- * Network 1996- Full-text
- * Nonlinearity 1996- Full-text
- * Physics express letters 1995- Full text in HTML and PDF formats
- * Physics in medicine and biology 1996- Full-text
- * Plasma physics and controlled fusion 1996- Full-text
- * Reports on progress in physics 1996- Full-text
- * Semiconductor science and technology 1996- Full-text
- * Smart materials and structures 1996- Full-text
- * Superconductor science and technology 1996- Full-text
- * Waves in random media 1996- Full-text

New Engineering Service on NIST Virtual Library

The OIS announces that the "Engineering Village" is now available on the NIST Virtual Library (NVL) at <http://ts.nist.gov/nvl> for NIST staff and researchers. The Ei Village is a service for the student, professional engineer, or technology manager. Ei Village collects, evaluates, describes, and organizes relevant sites and provides a forum for discussions of professional interest. To access and log on to the service, from the NVL home page click on "Databases" and follow the instructions for ID and password.

STAT-USA Now Available on NIST Virtual Library

The OIS announces the availability of STAT-USA on the NIST Virtual Library (NVL) at <http://ts.nist.gov/nvl>. STAT-USA is the Department of Commerce source for Daily Economic News, frequently requested statistical releases, information by subject, STAT-USA Databases and selected publications of interest. From the NVL home page, click on "Databases" to link to the instructions for accessing this resource for NIST users.

NCW - NIST COMMITTEE FOR WOMEN

The NIST Committee for Women Speaker Series Presents

A senior women's panel of Elaine Bunten-Mines, Cita Furlani, Barbara Levin, and Lura Powell, on Wednesday, May 22, 12:00 noon to 1:00 p.m. in Lecture Room A, Administration Building.

The panel will present some career highlights and what skills have contributed to their

personal and professional growth here at NIST. The brief presentations will be followed by an open discussion. Bring a friend and your questions about professional development and how to target your career skills for growth. Hope to see you there.

For information call Laura Downey, President, on extension 4659 or Carole Womeldorf, Vice President, on extension 4415.

SEBA - STANDARD EMPLOYEES BENEFIT ASSOCIATION

Amusement Park Tickets

DISCOUNT TICKETS for Adventure World and Hershey Park are available in the SEBA Store for SEBA members.

SEBA Gift Store

The 50% off sale in the SEBA Store has been extended. Stop in and pick-up some gift items, cards, or seasonal items. Non-SEBA members, join for \$5 to take advantage of this sale.

Linen Sale

On May 21, there will be a LINEN SALE in the Employee's Lounge, Administration Building.

Jewelry Sale

Jack Vogt Jewelry will be in the Bldg. 101 Cafeteria on June 4 and 5.

Employee Printing Services

Employee Printing Services catalogs have arrived in the SEBA Store. Discount of 40% OFF list price. Catalogs have wedding invitations, party invitations, social and birth announcements, shower and party accessories, monogrammed informals and thank you cards. Catalog may be borrowed for one week.

CAFETERIA MENU (Subject to change without notice)

<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>	<u>Friday</u>
Special	Special	Special	Special	Special
Sher Bf over Rice	Chick Cordon Bleu	Fish Primavera	Turkey Divan	Baked Fish Creole
Peas & Mushrms	Turnip Greens	Zucch/Grn Beans	Rice	Cauliflowr/Holland
Roll & Butter	Rosemary Potato	Glazed Rutabagas	Limas/Mushrooms	Cajun Potatoes
Fresh Fruit	Roll & Butter	Roll & Butter	Roll & Butter	Entrees/Vegs
Entrees/Vegs	Entrees/Vegs	Entrees/Vegs	Entrees/Vegs	Burrito
Burrito	Burrito	Burrito	Taco Salad	Baked Fish Creole
Eggplant Parm	Mac/Beef/Tomato	Chicken Pot Pie	Burrito	SW Beef/Peppers
Sher Bf over Rice	Chick Cordon Bleu	Fish Primavera	Turkey Divan	Fried Whiting Fillet
Peas & Mushrms	Turnip Greens	Zucchini & Green	Salisbury Steak	Cauliflowr/Holland
California Veggies	Sliced Carrots	Beans	w/Mush Sauce	Sauce
Mixed Squash	Rosemary Potato	Glazed Rutabagas	Creamed Spinach	Oriental Veggies
Rice	Rice	Baked Potato	Limas w/Mushrms	Cajun Potatoes
Soup/Internatl	Soup/Internatl	Rice	Mashed Potatoes	Rice
Beef Noodle	Potato Leek	Soup/Internatl	Rice	Soup/Internl
Pasta	Pasta	Old Fashioned	Soup/Internatl	Chicken Rice
		Bean	Minestrone	Pasta
		Creole	Pasta	

TRAINING AND EDUCATION OPPORTUNITIES

To reserve a space in any training course an approved NIST Request For Training Memo must be submitted unless otherwise noted. Receipt of the approved Memo serves as your space registration. All classes will be filled on a first-come-first-served basis. Without an approved Memo, we are unable to reserve a space in any class. Please forward the approved Memo as soon as possible when planning your training. If you have any questions, please call x3017. Thank you!

****MANAGEMENT UPDATE SERIES****

The Management Update Series is a series of monthly briefings for all supervisors and managers focusing on administrative subjects critical to the way we operate. The Request for Training Memo is not required for sessions in the Management Update Series, unless otherwise noted.

DIVERSITY IN THE WORKPLACE

Description: This two-day workshop will assist managers and supervisors to develop an understanding of how cross-cultural dynamics impact the workplace. Using a variety of participatory exercises, attendees will gain a broader understanding of the value of diversity and of each of our roles as individuals and as group members in a diverse workforce. Time will be spent on defining and practicing specific skills/competencies needed to build and peacefully co-exist in an inclusive work environment.

Instructor: Bonnie J. Berger & Associates
Cost: Approximately \$300 per participant
Dates: June 4-5, 1996
Location: Lecture Room E, Administration Building
Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: Request for Training Memo must be submitted by May 15.

NIST TRAINING PROGRAM

Instructor: Pat O'Connor, Office of Human Resources Management
Cost: NONE
Date: May 20, 1996
Location: Lecture Room B, Administration Building
Time: 1:30 p.m. - 3:00 p.m.

EMPLOYEE ASSISTANCE PROGRAM

Instructor: Jon Lobe, Occupational Health and Safety Division
Cost: NONE
Date: May 28, 1996
Location: Lecture Room D, Administration Building
Time: 1:30 p.m. - 3:00 p.m.

CLASSIFICATION TRAINING FOR SUPERVISORS

Description: The classification and position description system is a component of the NIST

Personnel Management Demonstration Project. As a supervisor of employees covered by the demonstration Project, you are delegated authority to classify positions of employees covered under the Demonstration Project. In this session you classify and create a position description. This is a required course for every probationary supervisor. The course must be completed before a supervisor can access the Automated Classification System (ACS).

Instructor: Carol Hubshman,
Office of Human Resources Management
Cost: NONE
Date: May 28, 1996
Location: A41, Administration Building
Time: 9:30 a.m. - 11:00 a.m.
Due to the limited number of p.c's every participant must reserve a space. Please call X3017 to register.

STAFFING POSITIONS AT NIST

Instructor: Debbie Martin,
Office of Human Resources Management
Cost: NONE
Date: June 19, 1996
Location: Lecture Room D, Administration Building
Time: 1:30 p.m. - 3:00 p.m.

NIST RETIREMENT/BENEFITS

Instructor: Marcia Robertson, Office of Human Resources Management
Cost: NONE
Date: June 24, 1996
Location: Lecture Room D, Administration Building
Time: 1:30 p.m. - 3:00 p.m.

CONFLICT RESOLUTION FOR MANAGERS AND SUPERVISORS

Description: This course is open to all supervisors and managers. Participants learn methods for diagnosing sources of conflict and strategies for successfully resolving many different types of conflict. In addition, participants identify their own conflict style and its strengths and weaknesses. Workshop methods include: tailored cases, structured exercises, Negotiation Style Inventory instrument and film.

Instructor: Liz Berney of Berney Associates
Cost: Approximately \$115 per participant
Date: July 9, 1996
Location: Lecture Room D, Administration Building
Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Request for Training Memo must be submitted by June 18.

****GENERAL TRAINING****

CASE STUDIES IN UNCERTAINTY ANALYSIS (Note Dates Have Changed) Description: Presents several examples of uncertainty analysis calculations. The material includes discussion of some very straightforward examples, a spreadsheet calculation method that avoids the need to deal with partial derivatives in simple cases, and some examples

where the usual propagation of uncertainty formulas can not be used directly.

Instructor: Keith Eberhardt, Statistical Engineering Div
Cost: \$50 per participant
Times: 9:00 a.m. - 12 noon
Dates: June 10, 1996 and June 17, 1996 (Monday)
Location: Lecture Room A, Administration Building

PLEASE NOTE: Request for Training Memo must be submitted by May 21, 1996. Please no phone in registrations! For technical questions please call Keith on X2853.

Additional Workshops in this series are as follows:
September 13, 20 & 27, Regression Models
October 11, 18 & 25, Analysis of Variance
November 8, 15 & 22, Design of Experiments

PRE-RETIREMENT SEMINAR

Description: In this 1-day seminar you will learn the Civil Service/FERS Retirement Benefits and Social Security Benefits/Medicare. This seminar is for those employees who are thinking of retiring in the next 5 years. Joanne McGehrin is a great instructor!

Instructor: Joanne McGehrin
Cost: Approximately \$100 per participant
Date: June 20, 1996
Location: Lecture Room D, Administration Building
Time: 8:30 a.m. - 4:00 p.m.

PLEASE NOTE: Request for Training Memo must be submitted by June 5.

NOTE: Spouses are welcome!

COTR LEVEL I

Description: This course is required for certification as a contracting officers technical representative. If you have any questions regarding your need for this certification, please contact your administrative officer within your Division.

Instructor: Management Concepts, Inc.
Cost: Approximately \$175 per participant
Dates: June 17 & 18, 1996
Location: **New Location: Shops Conference Room (Bldg. 304-126)**
Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Request for Training Memo needs to be submitted by May 28. **For technical questions please call Barbara Camp x6338.**

CONFLICT RESOLUTION (SUPPORT STAFF) THIS IS A GREAT CLASS

Description: In this 1-day workshop you will learn how to keep your cool, stand your ground and reach a position solution. You will also learn techniques proven to work in a variety of conflict situations.

Instructor: CareerTrack
Cost: Approximately \$150 per participant
Date: July 10, 1996
Location: Lecture Room D, Administration Building
Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Request for Training Memo must be submitted by June 14.

THE EXCEPTIONAL ASSISTANT

Description: In this 1-day powerful workshop you will learn essential professional skills such as, prioritizing, problem

solving, managing time, resources, and crisis, delegating, decision-making, political and people skills and much, much more. This is a great class for all support staff!

Instructor: Fred Pryor Seminars
Cost: Approximately \$125 per participant
Date: August 7, 1996
Location: Lecture Room C, Administration Building
Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Request for Training Memo must be submitted by July 8.

EFFECTIVE WRITING FOR PROFESSIONALS

Persons to attend course: Professionals who are skilled writers but need to further refine their writing style.

Description: Writing effectively means more than just writing correctly. It means developing a sensitivity to the reader's needs, an awareness of the purpose of writing a specific communication, and the ability to order ideas and word them for maximum impact and clarity. By the conclusion of the course, participants will be more constructively critical of their own writing and will begin to apply the writing principles discussed in class.

Instructor: Carol Solomon of Carol Solomon and Associates
Cost: Approximately \$150 per participant
Dates: July 16, 18, 23 and 25, 1996
Location: Lecture Room F, Administration Building
Time: 9:00 a.m. - 12:00 noon

PLEASE NOTE: Request for Training Memo must be submitted by June 24.

****COMPUTER TRAINING****

All NIST Request for Training Memo's must be received by the Training Office at least two weeks prior to the start date of the course unless otherwise noted. At this time, the Training Office will either obligate to the instructor or cancel the class. Receipt of the approved Memo serves as your space registration. All classes will be filled on a first-come-first-reserved basis. Any questions please call Pat on x3017.

Introduction to Windows is a prerequisite for all Windows applications!

All classes will be held in A41, Basement 101.

All 1-Day Classes will be \$125

All 1/2 Day Classes will be \$60

All 2-Day Classes will be \$225, unless otherwise stated.

EUDORA TRAINING

Description: This short (2 1/2 hour) class will teach participants how to send and receive electronic mail using PC-Eudora for Windows, how to create and manage mailboxes, nicknames and distribution lists, how to write rules to automatically direct incoming and outgoing mail to specific mailboxes, and how to send and receive files as attachments.

Some prior experience using MS-Windows is required.

Instructor: Chuck Eater of the Information Systems Division
Date & Time: July 8, 1996, 1:00 p.m. - 3:30 p.m.
July 15, 1996, 1:00 p.m. - 3:30 p.m.

Cost: NONE

DN-11's are not required but send an E-Mail message to Patricia.oconnor@nist.gov to register for a space.

TIME AND ATTENDANCE TRAINING FOR NEW

TIMEKEEPERS

Description: This workshop is for **New Timekeepers**. The PC instruction covers the various T&A screens and the necessary steps for completing a T&A file.

Instructor: Office of Human Resources Management
Cost: NONE
Date: May 23, 1996
Location: A41, Administration Building
Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: This workshop is limited to ten people! Please call the Training Office on x3017 to register, no paperwork is necessary. Please register by May 17.

MERGING WITH WORDPERFECT 6.1 FOR WINDOWS

Description: Come and explore the powers of WordPerfect merging. Create forms files and data files to automate your mass mailings. Learn to Customize labels and envelopes. This is a fast-paced course designed for those comfortable with daily use of WordPerfect 6.1 for Windows.

Instructor: Lyndie Billey and Associates
Date: May 22, 1996
Time: 9:00 a.m. - 12:00 noon
Cost: Approx. \$60 per participant

PLEASE NOTE: Request for Training Memo must be submitted ASAP.

TEMPLATES IN WORDPERFECT 6.1 FOR WINDOWS

Description: Every document you create in WordPerfect is based on a template. Learn to use and create custom templates to automate your office output, such as memos, fax covers, business cards and invoices. This course is designed for experienced users of WordPerfect 6.1 for Windows who want to go one step further with their office automation.

Instructor: Lyndie Billey and Associates
Date: May 22, 1996
Time: 1:00 p.m. - 4:00 p.m.
Cost: Approx. \$60 per participant

PLEASE NOTE: Request for Training Memo must be submitted ASAP.

INTRODUCTION TO WINDOWS

Description: This one-day class will teach those new to the Windows environment the benefits of using Windows.

Instructor: Business Support Training, Inc.
Date: May 21, 1996
Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Request for Training Memo must be submitted ASAP.

INTRODUCTION TO WINDOWS

Description: This one-day class will teach those new to the Windows environment the benefits of using Windows.

Instructor: Impact Services, Inc.
Date: June 3, 1996
Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Request for Training Memo must be submitted May 20.

INTRODUCTION TO WINDOWS

Description: This one-day class will teach those new to the Windows environment the benefits of using Windows.

Instructor: Executrain

Date: June 10, 1996

Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Request for Training Memo must be submitted by May 24.

INTRODUCTION TO WINDOWS

Description: This one-day class will teach those new to the Windows environment the benefits of using Windows.

Instructor: Lyndie Billey and Associates

Date: June 12, 1996

Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Request for Training Memo must be submitted May 28.

INTERMEDIATE WINDOWS

Description: This class is designed for students who want to start an application from Windows without using an icon, use shortcut keys, add programs to windows, use Character map, record and run macros, and use the Clipboard. In addition, students will learn to use File Manager to change file attributes, search for files, create Program Manager icons, and use Drag and Drop to open and print files.

Instructor: ExecuTrain

Date: June 20, 1996

Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Request for Training Memo must be submitted by June 5.

INTERMEDIATE WINDOWS

Description: This class is designed for students who want to start an application from Windows without using an icon, use shortcut keys, add programs to windows, use Character map, record and run macros, and use the Clipboard. In addition, students will learn to use File Manager to change file attributes, search for files, create Program Manager icons, and use Drag and Drop to open and print files.

Instructor: Business Support Training, Inc.

Date: June 6, 1996

Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Request for Training Memo must be submitted ASAP.

ADVANCED MICROSOFT WINDOWS

Description: This class is designed for students who want to learn the advanced features of Microsoft Windows 3.1. These features include using the MS-DOS prompt to access DOS from Windows, setting multitasking priorities, copying and pasting with non-windows applications, and creating and changing a swap file. In addition, students will learn to use PIF Editor, link and embed objects, use Object Packager, and customize Windows by editing system files.

Instructor: ExecuTrain

Date: May 29, 1996

Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Request for Training Memo must be submitted ASAP.

INTRODUCTION TO LOTUS FOR WINDOWS

Description: This workshop is for participants that are upgrading to Lotus for Windows.

Instructor: Impact Services, Inc.

Date: May 30, 1996

Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Requests for Training Memo must be submitted by May 17.

INTRODUCTION TO LOTUS FOR WINDOWS

Description: This workshop is for participants that are upgrading to Lotus for Windows.

Instructor: Lyndie Billey and Associates

Date: June 5, 1996

Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Requests for Training Memo must be submitted by May 17.

UPGRADING FROM WP5.1 TO WP FOR WINDOWS 6.1

Description: Your productivity will increase significantly with 6.1 by taking advantage of the Powerbars, Toolbars, Templates, and Coaches. First you'll learn how to use all the icons that appear each time you load the program, then you'll learn about some of the most remarkable, easy-to use features available in any wordprocessor on the market. And of course we'll cover your basic features Bullets, tabs, alignment, formatting, and tables as they are easier than ever. You'll also learn some of WP 6.1's Quick features that will allow you to get your work done more quickly.

Instructor: Business Support Training, Inc.

Date: June 7, 1996

Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Request for Training Memo must be submitted by May 23.

UPGRADING FROM WP5.1 TO WP FOR WINDOWS 6.1 (2-Day Class)

Description: Your productivity will increase significantly with 6.1 by taking advantage of the Powerbars, Toolbars, Templates, and Coaches. First you'll learn how to use all the icons that appear each time you load the program, then you'll learn about some of the most remarkable, easy-to use features available in any wordprocessor on the market. And of course we'll cover your basic features Bullets, tabs, alignment, formatting, and tables as they are easier than ever. You'll also learn some of WP 6.1's Quick features that will allow you to get your work done more quickly. Plus many more tips and tricks!

Instructor: Impact Services, Inc.

Dates: June 18 & 19, 1996

Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Request for Training Memo must be submitted by June 3.

UPGRADING FROM WP5.1 TO WP FOR WINDOWS 6.1

Description: Your productivity will increase significantly with 6.1 by taking advantage of the Powerbars, Toolbars, Templates, and Coaches. First you'll learn how to use all the icons that appear each time you load the program, then you'll learn about some of the most remarkable, easy-to use features available in any wordprocessor on the market. And of course we'll cover your basic features Bullets, tabs, alignment, formatting, and tables as they are easier than ever. You'll also learn some of WP 6.1's Quick features that will allow you to get your work done more quickly.

Instructor: Lyndie Billey and Associates

Date: June 4, 1996

Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Request for Training Memo must be submitted by May 21.

UPGRADING FROM WP5.1 TO WP FOR WINDOWS 6.1

Description: Your productivity will increase significantly with 6.1 by taking advantage of the Powerbars, Toolbars, Templates, and Coaches. First you'll learn how to use all the icons that appear each time you load the program, then you'll learn about some of the most remarkable, easy-to use features available in any wordprocessor on the market. And of course we'll cover your basic features Bullets, tabs, alignment, formatting, and tables as they are easier than ever. You'll also learn some of WP 6.1's Quick features that will allow you to get your work done more quickly.

Instructor: Business Support Training, Inc.

Date: June 28, 1996

Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Request for Training Memo must be submitted by June 13.

DBASE 5.0 FOR WINDOWS (This Class Not Offered Often)

Description: In this workshop you will learn the fundamentals of relational database design and how to implement your design in the dBase for Windows environment. You will examine objects and their properties. Hands-on exercises include: creating and modifying tables; adding, deleting and displaying data; querying database; and generating simple reports, and much more.

Instructor: Business Support Training, Inc.

Dates: June 26 and 27, 1996

Time: 9:00 a.m. - 4:00 p.m.

PLEASE NOTE: Request for Training Memo must be submitted by June 11.

NIST VACANCIES FOR GAITHERSBURG, MD

MAY 17 ,1996

Vacancy Announcements will not be available until the above date.

Div	Title	Series	Salary Range & Payband or Grade	Promotion Potential	Vacancy Number	Closing Date
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OPEN TO ALL QUALIFIED APPLICANTS , CTAP & ICTAP						
353	Printing Assistant (Office Automation)	0351	\$20,989 - \$27,297 ZS-III	NONE	NIST-0900/BL	05/24/96
OPEN TO CURRENT NIST STATUS EMPLOYEES & CTAP APPLICANTS						
222	Administrative Support Assistant (OA) Upward Mobility Position	0303	\$20,233 - \$37,524 ZS-III/IV	ZA-III	NIST-0772/JC	05/31/96
320	Computer Specialist	0334	\$25,061 - \$46,264 ZP-II	ZP-III	NIST-0917/LC	05/24/96
NTIS VACANCIES FOR SPRINGFIELD, VA						
OPEN TO ALL QUALIFIED APPLICANTS, CTAP & ICTAP						
NTIS	Printing Specialist (2 Positions)	GS - 1654	\$37,094 - \$48,222 GS-11	NONE	NTIS-146/JS	05/24/96
NTIS	Program Analyst	GS - 0343	\$20,223 - \$26,061 GS-5/7	GS-12	NTIS-016/JS	05/31/96

APPLICANT SUPPLY FILE INFORMATION

NIST is collecting resumes for future job openings in a range of occupational areas. Both government and non-government applicants (including NIST and DOC employees) may submit their resumes to be retained in a file system for 90 days. A separate resume is required for each occupation and payband. Please indicate the occupation, payband or salary level you want to be considered for at the top of your resume. (See below) Applicants eligible for the DOC Career Transition Assistance Plan (CTAP) and the Interagency Career Transitions Assistance Plan (ICTAP) will receive priority consideration for any vacancy that may occur. If you wish to extend your period of consideration for Applicant Supply beyond 90 days, you must submit a new resume package. Applicants who would like to place their resume in the NIST Applicant Supply System may mail or drop off their resumes to : NIST, Office of Human Resources Management, Bldg: 101, Room: A-123, Gaithersburg, MD 20899, Attn.: Applicant Supply. We are accepting resumes for Applicant Supply in the following fields: **Paybands I thru V:** Engineers, Computer Scientist, Metallurgist, Mathematical Statistician. **Paybands III thru V:** Physical Scientist, Computer Specialist, Biologist, Social Science, Research Psychology, Economist, Chemist, Mathematician, Physicist. **Paybands I & II:** Accounting. **Payband III:** Nuclear Engineering Technician. **Payband I thru IV:** Clerical Support (OA), Office Automation Clerk/Assistant, Secretary (OA). **Payband II:** Police Officers.

TELECOMMUNICATIONS DEVICE FOR THE DEAF: Contact Maryland Relay Service at 1-800-735-2258. **Vacancy Announcements can be picked up OUTSIDE the Personnel Office Bldg.: 101 from 6:30 a.m. - 6:30 p.m.**

NIST PERSONNEL INFORMATION HOTLINE: DIAL **(301) 926-4851**. This is an outside call. Boulder vacancies are listed in the Boulder Lab Weekly Bulletin.